Rick Wai-Kwok Wong

List of Publications by Year
in descending order

175	7,194	41344	76900
papers	citations	49 h-index	74 g-index

177	177	177	7116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Significant Improvement of Dye-Sensitized Solar Cell Performance Using Simple Phenothiazine-Based Dyes. Chemistry of Materials, 2013, 25, 2146-2153.	6.7	250
2	A Near-Infrared-Fluorescent Chemodosimeter for Mercuric Ion Based on an Expanded Porphyrin. Angewandte Chemie - International Edition, 2006, 45, 3150-3154.	13.8	241
3	Heterobimetallic Zn(II)â^'Ln(III) Phenylene-Bridged Schiff Base Complexes, Computational Studies, and Evidence for Singlet Energy Transfer as the Main Pathway in the Sensitization of Near-Infrared Nd3+ Luminescence. Inorganic Chemistry, 2006, 45, 9315-9325.	4.0	155
4	Synthesis and near-infrared luminescence of 3d-4f bi-metallic Schiff base complexes. New Journal of Chemistry, 2002, 26, 275-278.	2.8	153
5	Design and synthesis of a near infra-red luminescent hexanuclear Znâ€"Nd prism. Chemical Communications, 2006, , 1836-1838.	4.1	142
6	Water-Soluble Mitochondria-Specific Ytterbium Complex with Impressive NIR Emission. Journal of the American Chemical Society, 2011, 133, 20120-20122.	13.7	141
7	Multinuclear Luminescent Schiff-Base Znâ^'Nd Sandwich Complexes. Inorganic Chemistry, 2006, 45, 4340-4345.	4.0	139
8	Facile synthesis of N-rich carbon quantum dots from porphyrins as efficient probes for bioimaging and biosensing in living cells. International Journal of Nanomedicine, 2017, Volume 12, 7375-7391.	6.7	137
9	Synthesis, structure, reactivity and photoluminescence of lanthanide(III) monoporphyrinate complexes. Coordination Chemistry Reviews, 2007, 251, 2386-2399.	18.8	120
10	High-efficiency and color-stable white organic light-emitting devices based on sky blue electrofluorescence and orange electrophosphorescence. Applied Physics Letters, 2008, 92, .	3.3	119
11	New Co(OH)₂/CdS nanowires for efficient visible light photocatalytic hydrogen production. Journal of Materials Chemistry A, 2016, 4, 5282-5287.	10.3	114
12	Synthesis, structures and luminescent properties of new heterobimetallic Zn-4f Schiff base complexes. Inorganica Chimica Acta, 2004, 357, 4510-4521.	2.4	111
13	Porphyrin-Implanted Carbon Nanodots for Photoacoustic Imaging and in Vivo Breast Cancer Ablation. ACS Applied Bio Materials, 2018, 1, 110-117.	4.6	102
14	Study of Arylamine-Substituted Porphyrins as Hole-Transporting Materials in High-Performance Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 13231-13239.	8.0	97
15	Conformational engineering of co-sensitizers to retard back charge transfer for high-efficiency dye-sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 11553.	10.3	94
16	Comparative Studies of the Cellular Uptake, Subcellular Localization, and Cytotoxic and Phototoxic Antitumor Properties of Ruthenium(II)â€"Porphyrin Conjugates with Different Linkers. Bioconjugate Chemistry, 2012, 23, 1623-1638.	3.6	92
17	Biocompatible CdSe quantum dot-based photosensitizer under two-photon excitation for photodynamic therapy. Journal of Materials Chemistry, 2011, 21, 2455.	6.7	87
18	Tetranuclear NIR luminescent Schiff-base Znâ€"Nd complexes. New Journal of Chemistry, 2008, 32, 127-131.	2.8	86

#	Article	IF	Citations
19	Room temperature molecular up conversion in solution. Nature Communications, 2016, 7, 11978.	12.8	83
20	Design and Synthesis of Nearâ€Infrared Emissive Lanthanide Complexes Based on Macrocyclic Ligands. European Journal of Inorganic Chemistry, 2011, 2011, 4651-4674.	2.0	80
21	Synthesis, crystal structures and antenna-like sensitization of visible and near infrared emission in heterobimetallic Znâ€“Eu and Znâ€“Nd Schiff base compounds. Polyhedron, 2006, 25, 271-278.	2.2	78
22	Syntheses, Crystal Structures, and Luminescent Properties of Lanthanide Complexes with Tripodal Ligands Bearing Benzimidazole and Pyridine Groups. Inorganic Chemistry, 2003, 42, 169-179.	4.0	75
23	New phenothiazine-based dyes for efficient dye-sensitized solar cells: Positioning effect of a donor group on the cell performance. Journal of Power Sources, 2013, 243, 253-259.	7.8	74
24	Pentanuclear tetra-decker luminescent lanthanide Schiff base complexes. Dalton Transactions, 2008, , 1676.	3.3	73
25	Synthesis, structure and near-infrared luminescence of neutral 3dÃ¢â‚¬â€œ4f bi-metallic monoporphyrinate complexes. Dalton Transactions RSC, 2001, , 3092-3098.	2.3	72
26	Structural engineering of porphyrin-based small molecules as donors for efficient organic solar cells. Chemical Science, 2016, 7, 4301-4307.	7.4	72
27	In vivo selective cancer-tracking gadolinium eradicator as new-generation photodynamic therapy agent. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5492-7.	7.1	70
28	New phosphorescent platinum(ii) Schiff base complexes for PHOLED applications. Journal of Materials Chemistry, 2012, 22, 16448.	6.7	69
29	Solution-processed new porphyrin-based small molecules as electron donors for highly efficient organic photovoltaics. Chemical Communications, 2015, 51, 14439-14442.	4.1	66
30	Highly Selective Mitochondria-Targeting Amphiphilic Silicon(IV) Phthalocyanines with Axially Ligated Rhodamine B for Photodynamic Therapy. Inorganic Chemistry, 2012, 51, 812-821.	4.0	65
31	Anion-Induced Self-Assembly of Luminescent and Magnetic Homoleptic Cyclic Tetranuclear Ln₄(Salen)₄ and Ln₄(Salen)₂ Complexes (Ln = Nd, Yb,) Tj ETQq1 0.784314 rgB	4.1	63
32	Anion-dependent construction of two hexanuclear 3dâ€“4f complexes with a flexible Schiff base ligand. Dalton Transactions, 2012, 41, 11449.	3.3	64
33	A novel bifunctional mitochondria-targeted anticancer agent with high selectivity for cancer cells. Scientific Reports, 2015, 5, 13543.	3.3	64
34	Dipyrrolylquinoxaline-bridged Schiff bases: a new class of fluorescent sensors for mercury(ii). Dalton Transactions, 2005, , 3235.	3.3	61
35	New Terthiophene-Conjugated Porphyrin Donors for Highly Efficient Organic Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 30176-30183.	8.0	61
36	Anion dependant self-assembly and the first X-ray structure of a neutral homoleptic lanthanide salen complex Tb4(salen)6. Chemical Communications, 2008, , 3266.	4.1	60

#	Article	IF	Citations
37	Novel host materials for single-component white organic light-emitting diodes based on 9-naphthylanthracene derivatives. Journal of Materials Chemistry, 2008, 18, 4529.	6.7	60
38	Near-infrared and visible dual emissive transparent nanopaper based on Yb(III)â€“carbon quantum dots grafted oxidized nanofibrillated cellulose for anti-counterfeiting applications. Cellulose, 2018, 25, 377-389.	4.9	60
39	Hetero-trinuclear near-infrared (NIR) luminescent Zn2Ln complexes from Salen-type Schiff-base ligands. New Journal of Chemistry, 2009, 33, 2326.	2.8	58
40	Responsive and mitochondria-specific ruthenium(ii) complex for dual in vitro applications: two-photon (near-infrared) induced imaging and regioselective cell killing. Chemical Communications, 2010, 46, 6678.	4.1	56
41	Lanthanideâ€“tetrapyrrole complexes: synthesis, redox chemistry, photophysical properties, and photonic applications. Chemical Society Reviews, 2021, 50, 12189-12257.	38.1	56
42	Near-Infrared Luminescent, Neutral, Cyclic Zn2Ln2 (Ln = Nd, Yb, and Er) Complexes from Asymmetric Salen-Type Schiff Base Ligands. European Journal of Inorganic Chemistry, 2010, 2010, 2714-2722.	2.0	55
43	Two-photon induced luminescence, singlet oxygen generation, cellular uptake and photocytotoxic properties of amphiphilic Ru(ii) polypyridylâ€“porphyrin conjugates as potential bifunctional photodynamic therapeutic agents. Organic and Biomolecular Chemistry, 2011, 9, 6004.	2.8	54
44	Pure white-light and colour-tuning of Eu³⁺â€“Gd³⁺-containing metallopolymer. Chemical Communications, 2016, 52, 3713-3716.	4.1	54
45	Reactivity of aqua coordinated monoporphyrinate lanthanide complexes: synthetic, structural and photoluminescent studies of lanthanide porphyrinate dimers. Dalton Transactions, 2004, , 4064.	3.3	53
46	Synthesis of an Octanuclear Eu(III) Cage from Eu42+:â€‰ Chloride Anion Encapsulation, Luminescence, and Reversible MeOH Adsorption via a Porous Supramolecular Architecture. Inorganic Chemistry, 2007, 46, 7050-7054.	4.0	53
47	Multinuclear NIR luminescent 1,4-BDC bridged Schiff-base complexes of Nd(III). Polyhedron, 2009, 28, 27-32.	2.2	53
48	Co-sensitization of 3D bulky phenothiazine-cored photosensitizers with planar squaraine dyes for efficient dye-sensitized solar cells. Journal of Materials Chemistry A, 2015, 3, 13848-13855.	10.3	52
49	Heteronuclear trimetallic and 1D polymeric 3dâ€“4f Schiff base complexes with OCNâ¯ and SCNâ¯ ligands. Dalton Transactions, 2009, , 9595.	3.3	51
50	An amphiphilic ruthenium(II)â€“polypyridyl appended porphyrin as potential bifunctional two-photon tumor-imaging and photodynamic therapeutic agent. Journal of Inorganic Biochemistry, 2010, 104, 62-70.	3.5	51
51	Lightâ€Harvesting Ytterbium(III)â€“Porphyrinateâ€“BODIPY Conjugates: Synthesis, Excitationâ€Energy Transfer, and Twoâ€Photonâ€Induced Nearâ€Infraredâ€Emission Studies. Chemistry - A European Journal, 2013, 19, 739-748.	3.3	51
52	Phosphorescent Cu(<scp>i</scp>) complexes based on bis(pyrazol-1-yl-methyl)-pyridine derivatives for organic light-emitting diodes. Journal of Materials Chemistry C, 2015, 3, 138-146.	5.5	51
53	Near Infrared Luminescence and Supramolecular Structure of a Helical Triple-Decker Yb(III) Schiff Base Cluster. Crystal Growth and Design, 2006, 6, 2122-2125.	3.0	50
54	A potential water-soluble ytterbium-based porphyrinâ€“cyclen dual bio-probe for Golgi apparatus imaging and photodynamic therapy. Chemical Communications, 2012, 48, 9646.	4.1	49

#	Article	IF	Citations
55	Near-infrared (NIR) luminescent homoleptic lanthanide Salen complexes Ln4(Salen)4 (Ln = Nd, Yb or) Tj ETQq1 1 0.784314 rgBT /Overlo	2.6	49
56	Bulky dendritic triarylamine-based organic dyes for efficient co-adsorbent-free dye-sensitized solar cells. Journal of Power Sources, 2013, 237, 195-203.	7.8	49
57	Syntheses, Photophysics, and Fluxional Properties of Luminescent A-Frame Diplatinum(II) Acetylide Complexes. Organometallics, 1998, 17, 2590-2596.	2.3	47
58	Highly efficient and stable sky blue organic light-emitting devices. Applied Physics Letters, 2006, 89, 121913.	3.3	46
59	Syntheses, structures, and photoluminescence of 1-D lanthanide coordination polymers. Dalton Transactions, 2009, , 10505.	3.3	46
60	Synthesis and crystal structures of cationic lanthanide(III) monoporphyrinate complexes. Journal of the Chemical Society Dalton Transactions, 1999, , 615-622.	1.1	45
61	Construction and NIR luminescent property of hetero-bimetallic Znâ€“Nd complexes from two chiral salen-type Schiff-base ligands. Journal of Molecular Structure, 2008, 891, 450-455.	3.6	45
62	Construction of 1-D 4f and 3dâ€“4f coordination polymers with flexible Schiff base ligands. Dalton Transactions, 2011, 40, 9795.	3.3	45
63	Aâ€Dâ€A Type Small Molecules Based on Boron Dipyrromethene for Solutionâ€Processed Organic Solar Cells. Chemistry - an Asian Journal, 2015, 10, 1513-1518.	3.3	45
64	A visible-near-infrared absorbing Aâ€“Ï€₂â€“Dâ€“Ï€₁â€“Dâ€“Ï€₂â€“A type dimeric-porphyrin donor for high-performance organic solar cells. Journal of Materials Chemistry A, 2017, 5, 25460-25468.	10.3	45
65	Synthesis, Structures and Optical Power Limiting of Some Transition Metal and Lanthanide Monoporphyrinate Complexes Containing Electron-Rich Diphenylamino Substituents. European Journal of Inorganic Chemistry, 2007, 2007, 2004-2013.	2.0	44
66	Template Synthesis, Crystal Structure and Luminescent Properties of Neutral N4O3 Tripodal LnIIIL Complexes (LnIII = La3+, Eu3+, Gd3+, Tb3+, Dy3+, Ho3+, Er3+, Tm3+ or Lu3+; H3L =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (Tris{ Inorganic Chemistry, 2004, 2004, 829-836.	2.0	43
67	Synthesis, Crystal Structures and Photophysical Properties of Novel Tetranuclear Cadmium(II) Schiff-Base Complexes. European Journal of Inorganic Chemistry, 2005, 2005, 3950-3954.	2.0	43
68	A near-infrared fluorescent chemodosimeter for silver(I) ion based on an expanded porphyrin. Tetrahedron Letters, 2008, 49, 1843-1846.	1.4	43
69	Effects of various Ï€-conjugated spacers in thiadiazole[3,4-c]pyridine-cored panchromatic organic dyes for dye-sensitized solar cells. Journal of Materials Chemistry A, 2015, 3, 3103-3112.	10.3	41
70	Effect of Heavyâ€Atom (Br) at the Phenyl Rings of Schiffâ€Base Ligands on the NIR Luminescence of their Bimetallic Znâ€Nd Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 1795-1800.	1.2	40
71	pHâ€Dependent Cancerâ€Directed Photodynamic Therapy by a Waterâ€Soluble Graphiticâ€Phase Carbon Nitrideâ€“Porphyrin Nanoprobe. ChemPlusChem, 2016, 81, 535-540.	2.8	38
72	Synthesis, Characterization, and Photophysical Properties of Some Heterodimetallic Bisporphyrins of Ytterbium and Transition Metals â€“ Enhancement and Lifetime Extension of Yb3+ Emission by Transition-Metal Porphyrin Sensitization. European Journal of Inorganic Chemistry, 2007, 2007, 3365-3374.	2.0	37

#	Article	IF	Citations
73	Synthesis, Characterization and Near-Infrared Photoluminescence of Monoporphyrinate Lanthanide Complexes Containing an Anionic Tripodal Ligand. European Journal of Inorganic Chemistry, 2004, 2004, 837-845.	2.0	35
74	Synthesis, structure and near-infrared (NIR) luminescence of three solvent-induced pseudo-polymorphic complexes from a bimetallic Znâ€“Nd Schiff-base molecular unit. Inorganic Chemistry Communication, 2008, 11, 1316-1319.	3.9	35
75	Synthesis and characterization of iron(2+) and ruthenium(2+) diimino-, diamino- and diamido-diphosphine complexes. X-ray crystal structure of trans-RuCl2(P2N2C2H4) âˆ—d CHCl3. Polyhedron, 1996, 15, 1241-1251.	2.2	34
76	Highly efficient white organic light-emitting diodes with single small molecular emitting material. Applied Physics Letters, 2007, 91, 183504.	3.3	33
77	Impressive near-infrared brightness and singlet oxygen generation from strategic lanthanideâ€“porphyrin double-decker complexes in aqueous solution. Light: Science and Applications, 2019, 8, 46.	16.6	33
78	First Examples of Nearâ€Infrared Luminescent Poly(methyl methacrylate)â€Supported Metallopolymers Based on Zn₂Lnâ€Arrayed Schiff Base Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 2839-2848.	2.0	32
79	Syntheses and Crystal Structures of Tetrakis(arylamidine)nickel(II) Chloride and Bis[2,4-dipyridyl-1,3,5-triazapentadienato]nickel(II). European Journal of Inorganic Chemistry, 2004, 2004, 267-275.	2.0	31
80	PMMA-supported hybrid materials doped with highly near-infrared (NIR) luminescent complexes [Zn(L1)(Py)Ln(L2)3] (Ln = Nd, Yb or Er). New Journal of Chemistry, 2015, 39, 3698-3707.	2.8	31
81	Electrophilic attack on the [Âµ3-acetyl-C1(Fe1:Fe2)O(Fe1:Fe3)]nonacarbonyl-triangulo-triferrate(1â€“) anion by fluoroboric acid and methyl fluorosulphate. Carbonâ€“oxygen bond cleavage to give Âµ3-ethylidyne and Âµ-methoxo-groups. X-Ray crystal structures of Fe3(CO)9(Âµ3-MeCO)(Âµ-H), Fe3(CO)9(Âµ3-CMe)(Âµ3-OMe), and Fe3(CO)9(Âµ3-CMe)(Âµ3-COMe). Journal of the Chemical Society Dalton Transactions, 1983, , 1557-1563.	1.1	30
82	Synthesis and crystal structure of the first lanthanide complex of N-confused porphyrin with an Î·2agostic Câ€“H interaction. Chemical Communications, 2005, , 1022-1024.	4.1	30
83	Near-infrared (NIR) luminescent metallopolymers based on Ln4(Salen)4 nanoclusters (Ln = Nd or Yb). Journal of Materials Chemistry C, 2014, 2, 1489.	5.5	30
84	Synthesis, characterization and near-infrared photoluminescent studies of diethyl malonate appended mono-porphyrinate lanthanide complexes. Dalton Transactions, 2003, , 980-986.	3.3	29
85	Unsymmetrical exo-dentate INâˆ’ ligand for further self-assembly with the Znâ€“Nd Salen-type Schiff-base ligands. Inorganic Chemistry Communication, 2009, 12, 267-271.	3.9	29
86	New simple panchromatic dyes based on thiadiazolo[3,4-c]pyridine unit for dye-sensitized solar cells. Dyes and Pigments, 2014, 102, 196-203.	3.7	29
87	Synthesis, characterization and crystal structures of neutral mono- and di-nuclear lanthanide(III) porphyrinate complexes. Journal of the Chemical Society Dalton Transactions, 1999, , 3053-3062.	1.1	28
88	Monoporphyrinate neodymium (III) complexes stabilized by tripodal ligand: synthesis, characterization and luminescence. Inorganica Chimica Acta, 2004, 357, 4379-4388.	2.4	28
89	A Highly Selective Fluorescent Chemosensor for Hg2+in Aqueous Solution. Chemistry Letters, 2005, 34, 934-935.	1.3	28
90	An Amphiphilic Bisporphyrin and Its Yb^{III} Complex: Development of a Bifunctional Photodynamic Therapeutic and Nearâ€Infrared Tumorâ€Imaging Agent. ChemBioChem, 2008, 9, 1034-1039.	2.6	28

#	Article	IF	Citations
91	Synthesis, Characterization, Singletâ€Oxygen Photogeneration, DNA Photocleavage and Twoâ€Photonâ€Absorption Properties of Some (4â€Cyanophenyl)porphyrins. European Journal of Inorganic Chemistry, 2009, 2009, 922-928.	2.0	28
92	Fast uptake, water-soluble, mitochondria-specific erbium complex for a dual function molecular probe â€“ imaging and photodynamic therapy. RSC Advances, 2013, 3, 382-385.	3.6	28
93	Photocytotoxicity, cellular uptake and subcellular localization of amidinophenylporphyrins as potential photodynamic therapeutic agents: An in vitro cell study. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4513-4517.	2.2	28
94	X-Ray crystal structure and chemical transformations of the neutral metal formyl [(Î·-C5H5)Re(PPh3)(NO)(CHO)]. Journal of the Chemical Society Chemical Communications, 1979, , 530-532.	2.0	27
95	Preparation of chiral diimino- and diaminodiphosphine ligands and their CuI and AgI complexes. X-ray crystal structures of [Cu(1S,2S-cyclohexyl-P2N2)][PF6] and [Ag(1R,2R-cyclohexyl-P2N2H4)][BF4]. Polyhedron, 1996, 15, 4447-4460.	2.2	27
96	Synthesis, Structure, and Photophysical Properties of Some Gadolinium(III) Porphyrinate Complexes. European Journal of Inorganic Chemistry, 2011, 2011, 3314-3320.	2.0	27
97	Chemically driven supramolecular self-assembly of porphyrin donors for high-performance organic solar cells. Journal of Materials Chemistry A, 2018, 6, 14675-14680.	10.3	27
98	Facile Preparation of Phthalocyanine-Based Nanodots for Photoacoustic Imaging and Photothermal Cancer Therapy In Vivo. ACS Biomaterials Science and Engineering, 2020, 6, 5230-5239.	5.2	27
99	Transformation of a Luminescent Benzimidazole-Based Yb3 Cluster into a One-Dimensional Coordination Polymer. Crystal Growth and Design, 2010, 10, 970-976.	3.0	26
100	Panchromatic light harvesting by N719 with a porphyrin molecule for high-performance dye-sensitized solar cells. Journal of Materials Chemistry C, 2014, 2, 3521.	5.5	26
101	Synthesis, characterization and photoluminescence properties of monoporphyrinate lanthanide complexes. Synthetic Metals, 2004, 143, 81-87.	3.9	25
102	Co-existence of heterometallic Zn2Er and ZnEr arrayed chromophores for the sensitization of near-infrared (NIR) luminescence. Inorganic Chemistry Communication, 2009, 12, 1216-1219.	3.9	25
103	Synthesis, Characterization, and DNAâ€Binding and â€Photocleavage Properties of Waterâ€Soluble Lanthanide Porphyrinate Complexes. Chemistry - A European Journal, 2011, 17, 7041-7052.	3.3	25
104	Self-Assembly of Luminescent Platinum-Salen Schiff-Base Complexes. European Journal of Inorganic Chemistry, 2008, 2008, 523-528.	2.0	24
105	Anion-induced near-infrared (NIR) luminescent Zn2Nd and ZnNd complexes based on the pure Salen-type Schiff-base ligand. Inorganic Chemistry Communication, 2011, 14, 75-78.	3.9	24
106	Î±_vÎ²₃-Isoform specific erbium complexes highly specific for bladder cancer imaging and photodynamic therapy. Chemical Communications, 2017, 53, 557-560.	4.1	24
107	Synthesis and luminescence of a novel conjugated europium complex with 6-parachloroaniline carbonyl 2-pyridine carboxylic acid. Journal of Luminescence, 2002, 99, 155-160.	3.1	23
108	The Template Effect of Palladium(II): Synthesis, Characterization, and Crystal Structures of 2,4-Substituted 1,3,5-Triazapentadienatopalladium(II) Complexes. European Journal of Inorganic Chemistry, 2006, 2006, 3634-3640.	2.0	23

#	Article	IF	Citations
109	Synthesis, excitation energy transfer and singlet oxygen photogeneration of covalently linked N-confused porphyrinâ€“porphyrin and Zn(II) porphyrin dyads. Tetrahedron Letters, 2010, 51, 664-668.	1.4	22
110	Effective enhancement of near-infrared emission by carbazole modification in the Znâ€“Nd bimetallic Schiff-base complexes. Inorganic Chemistry Communication, 2012, 20, 41-45.	3.9	22
111	Highly Selective and Responsive Visible to Nearâ€IR Ytterbium Emissive Probe for Monitoring Mercury(II). Chemistry - A European Journal, 2014, 20, 970-973.	3.3	22
112	Reactivity of Cationic Lanthanide(III) Monoporphyrinates towards Anionic Cyanometallates â€“ Preparation, Crystal Structure, and Luminescence Properties of Cyanidoâ€Bridged Diâ€•and Trinuclear dâ€“f Complexes. European Journal of Inorganic Chemistry, 2008, 2008, 3515-3523.	2.0	21
113	Synthesis, structure and near-infrared (NIR) luminescence of series of Zn2Ln (Ln = Nd, Yb or Er) complexes based on the Salen-type Schiff-base ligand with the flexible linker. Inorganic Chemistry Communication, 2012, 20, 33-36.	3.9	21
114	Porphyrin-based ytterbium complexes targeting anionic phospholipid membranes as selective biomarkers for cancer cell imaging. Chemical Communications, 2013, 49, 7252.	4.1	21
115	Single-component Eu³⁺â€“Tb³⁺â€“Gd³⁺-grafted polymer with ultra-high color rendering index white-light emission. RSC Advances, 2017, 7, 6762-6771.	3.6	21
116	Antibacterial Effects of a Monoporphyrinato Ytterbium(III) Complex and Its Free Components on Staphylococcus aureus as Determined by Stopâ€Flow Microcalorimetry. Chemistry and Biodiversity, 2007, 4, 1492-1500.	2.1	20
117	Synthesis, Structure and Spectroscopic Properties of Lanthanide Complexes ofNâ€Confused Porphyrins. European Journal of Inorganic Chemistry, 2008, 2008, 3151-3162.	2.0	20
118	Synthesis, Crystal Structure, and Photophysical Properties of Novel (Monophthalocyaninato)lanthanide Complexes Stabilized by an Organometallic Tripodal Ligand. European Journal of Inorganic Chemistry, 2009, 2009, 1243-1247.	2.0	20
119	Synthesis, Characterization, and Near-Infrared Photoluminescence of Novel Neodymium(III) Complexes. Australian Journal of Chemistry, 2004, 57, 803.	0.9	19
120	Highly efficient and stable white light organic light-emitting devices. Applied Physics Letters, 2007, 91, 073517.	3.3	19
121	Synthesis, circular dichroism, DNA cleavage and singlet oxygen photogeneration of 4-amidinophenyl porphyrins. Journal of Porphyrins and Phthalocyanines, 2012, 16, 85-92.	0.8	19
122	Bladder Cancer Photodynamic Therapeutic Agent with Offâ€On Magnetic Resonance Imaging Enhancement. Advanced Therapeutics, 2019, 2, 1900068.	3.2	19
123	Synthesis and X-ray crystal structures of [Ph2PMe2][(Î·5-C5H4But)2Li] and [(Î·5-C5H4But)2Yb(Cl)CH2P(Me)Ph2]. Polyhedron, 1996, 15, 4593-4597.	2.2	17
124	Synthesis, structure and photoluminescence of novel lanthanide (Tb(III), Gd(III)) complexes with 6-diphenylamine carbonyl 2-pyridine carboxylate. Journal of Alloys and Compounds, 2004, 368, 326-332.	5.5	17
125	Fluorescent Ethenyl- and Ethynyl-dimesitylboranes Derived from 5-(Dimethylamino)-N-(prop-2-ynyl)naphthalene-1-sulfonamide. Australian Journal of Chemistry, 2007, 60, 915.	0.9	17
126	Synthesis, Photophysical Characterization, and Surface Photovoltage Spectra of Windmillâ€Shaped Phthalocyanineâ€“Porphyrin Heterodimers and Heteropentamers. European Journal of Inorganic Chemistry, 2008, 2008, 119-128.	2.0	17

#	Article	IF	Citations
127	Photo-luminescent hetero-trinuclear Zn2Ln (Ln = Nd, Yb, Er or Gd) complexes based on the binuclear Zn2L precursor. Inorganic Chemistry Communication, 2012, 24, 148-152.	3.9	17
128	Acetylene bridged porphyrinâ€“monophthalocyaninato ytterbium(iii) hybrids with strong two-photon absorption and high singlet oxygen quantum yield. Dalton Transactions, 2012, 41, 4536.	3.3	17
129	Temperature-dependent self-assembly of near-infrared (NIR) luminescent Zn2Ln and Zn2Ln3 (Ln = Nd, Yb) Tj ETQq1 1 0.784314 rgBT /O Molecular and Biomolecular Spectroscopy, 2014, 132, 205-214.	3.9	17
130	Synthesis, structure and catalytic activity of ruthenium diaminodiphosphine complexes. Dalton Transactions RSC, 2002, , 1139-1146.	2.3	16
131	Synthesis and X-ray crystal structure of an unexpected neutral oxalate-bridged ytterbium(III) porphyrinate dimer. Dalton Transactions RSC, 2000, , 2245-2246.	2.3	15
132	Pendant Functionalised Triphosphamacrocycles. European Journal of Inorganic Chemistry, 2001, 2001, 2865.	2.0	15
133	Effect of CNTs on direct oxidation of cyclohexene catalyzed by ruthenium diaminodiphosphine complex. Journal of Molecular Catalysis A, 2003, 193, 71-75.	4.8	15
134	Adjustment of coordination environment of Ln3+ ions to modulate near-infrared luminescent properties of Ln3+ complexes. Inorganic Chemistry Communication, 2011, 14, 200-204.	3.9	15
135	An Amphiphilic BODIPYâ€Porphyrin Conjugate: Intense Twoâ€Photon Absorption and Rapid Cellular Uptake for Twoâ€Photonâ€Induced Imaging and Photodynamic Therapy. ChemBioChem, 2015, 16, 2357-2364.	2.6	15
136	Novel ebselenâ€“porphyrin conjugates: Synthesis and nucleic acid interaction study. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4266-4270.	2.2	14
137	Synthesis and luminescence of a novel conjugated europium complex with 6-paramethylaniline carbonyl 2-pyridine carboxylate. Journal of Alloys and Compounds, 2003, 352, 143-147.	5.5	13
138	Synthesis and structural characterization of some arylamidinium diphenylphosphinates: Formation of one-, two- and three-dimensional networks by charge-assisted hydrogen bonds. Polyhedron, 2005, 24, 927-939.	2.2	13
139	Gallium and Functionalized-Porphyrins Combine to Form Potential Lysosome-Specific Multimodal Bioprobes. Inorganic Chemistry, 2016, 55, 6839-6841.	4.0	13
140	A reversible biocompatible â€œturn-onâ€•fluorescent probe for the detection of mercury(II). Journal of Luminescence, 2016, 170, 187-193.	3.1	13
141	Synthesis and crystal structures of tetraethylammonium Âµ3-acetyl-C1-(Fe1Fe2)O(Fe1Fe3)-nonacarbonyl-triangulo-triferrate and tetraethyl-ammonium Âµ-carbonyl-nonacarbonyl-Âµ3-2,4-dioxapentylidyne-triangulo-triferrate. Journal of the Chemical Society Dalton Transactions, 1981, , 2496-2500.	1.1	12
142	Microcalorimetric and Spectroscopic Investigation of the Antibacterial Properties of Cationic Ytterbium(III)â€“Porphyrin Complexes Lacking Charged Peripheral Groups. Chemistry and Biodiversity, 2007, 4, 2889-2899.	2.1	12
143	Hetero-binuclear near-infrared (NIR) luminescent Znâ€“Nd complexes self-assembled from the benzimidazole-based ligands. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 98, 359-366.	3.9	12
144	Synthesis of new mer,trans-rhodium(III) hydrido-bis(acetylide) complexes: Structure of mer,trans-[(PMe3)3Rh(CCâ€“C6H4-4-NMe2)2H]. Inorganica Chimica Acta, 2006, 359, 2859-2863.	2.4	11

#	Article	IF	Citations
145	Î²â€Functionalized Imidazoleâ€Fused Porphyrinâ€Donorâ€Based Dyes: Effect of Ïâ€Linker and Acceptor on Optoelectronic and Photovoltaic Properties. ChemistrySelect, 2018, 3, 2558-2564.	1.5	11
146	Enhanced light-harvesting of benzodithiophene conjugated porphyrin electron donors in organic solar cells. Journal of Materials Chemistry C, 2019, 7, 380-386.	5.5	11
147	Synthesis and characterization of chiral diimino- and diaminodiphosphine complexes of ruthenium. X-ray crystal structure of Trans- RuCl2(1R,2R-cyclohexyl-P2N2)·C6H5CH3. Polyhedron, 1996, 15, 3905-3907.	2.2	10
148	Reactivity of chiral diiminodiphosphine ligands towards PdCl2(PhCN)2: synthesis and crystal structures of two unexpected dinuclear palladium(II) complexes. Dalton Transactions RSC, 2000, , 1397-1398.	2.3	10
149	Synthesis and two-photon absorption properties of unsymmetrical metallosalophen complexes. Polyhedron, 2013, 49, 121-128.	2.2	10
150	Synthesis, crystal structure and photophysical study of luminescent three-coordinate cuprous bromide complexes based on pyrazole derivatives. Journal of Coordination Chemistry, 2016, 69, 926-933.	2.2	10
151	Synthesis, Chemistry, and Catalytic Activity of Ruthenium Diaminodiphosphane Complexes â^' Crystal Structures oftrans-[RuCl2{Îº3-Ph2PC6H4CH=NC6H10N(H)CH2C6H4PPh2}(PPh3)] andcis-[RuCl2{Îº4-Ph2PC6H4CH=NC6H10N(H)CH2C6H4PPh2}]. European Journal of Inorganic Chemistry, 2002, 2002, 231-237.	2.0	9
152	Further insight into aryl nitration of tetraphenylporphyrin. Tetrahedron, 2011, 67, 6030-6035.	1.9	8
153	Investigation of Antibacterial Activity of Two Kinds of Novel Schiff Bases onEscherichia coli by Microcalorimetry. Chinese Journal of Chemistry, 2006, 24, 1295-1300.	4.9	7
154	Dalton communications. Synthesis and crystal structure of [RuCl2(PPh3){N(SiMe3)C(Ph)NH(PPh2)}]. Journal of the Chemical Society Dalton Transactions, 1995, , 3087.	1.1	6
155	Formation and luminescence of 1D helical polymeric excimer from Pt-MeO-salen precursor. Inorganic Chemistry Communication, 2008, 11, 699-702.	3.9	6
156	An ultrasonic wave-assisted synthesis of meso-amidinophenyl substituted porphyrins. Tetrahedron Letters, 2008, 49, 2114-2118.	1.4	6
157	Hetero-trinuclear near-infrared (NIR) luminescent ZnLn2 (Ln = Nd, Yb or Er) complexes based on monomer ZnL Schiff-base precursor and o-vanillin. Inorganic Chemistry Communication, 2013, 36, 11-13.	3.9	6
158	Effects of peripheral substitutions on the singlet oxygen quantum yields of monophthalocyaninato ytterbium(<scp>iii</scp>) complexes. RSC Advances, 2015, 5, 22294-22299.	3.6	6
159	SILAC-based quantitative proteomics identified lysosome as a fast response target to PDT agent Gd-N induced oxidative stress in human ovarian cancer IGROV1 cells. Molecular BioSystems, 2015, 11, 3059-3067.	2.9	6
160	Synthesis and structure of a novel Pd(0)â€“Pd(IV)â€“Pd(IV)â€“Pd(0) mixed-valence complex. Inorganic Chemistry Communication, 2004, 7, 737-740.	3.9	5
161	Synthesis of Novel Diselenideâ€Linked Porphyrin Dimers under Phaseâ€Transfer Catalysis Condition and Their Interactions with DNA. Chemistry and Biodiversity, 2009, 6, 1131-1143.	2.1	5
162	Hetero-binuclear near-infrared (NIR) luminescent ZnLn (Ln = Nd, Yb or Er) complexes self-assembled from the benzimidazole-based ligand. Inorganic Chemistry Communication, 2012, 22, 126-130.	3.9	5

#	Article	IF	Citations
163	Near-infrared (NIR) luminescent hetero-tetranuclear Zn2Ln2 (Ln=Nd, Yb or Er) complexes self-assembled from the benzimidazole-based HL and two rigid 4,4â€²-bipyridine ligands with different spacers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 116, 102-110.	3.9	5
164	In vivo antitumour activity of amphiphilic silicon(IV) phthalocyanine with axially ligated rhodamine B. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2373-2376.	2.2	5
165	Synthesis and characterization of silver(I) complexes [AgL]2[BF4]2 and [Ag(OAc)L]â^ž [L=(CH2NHCOC2H4PPh2)2]. Inorganic Chemistry Communication, 2003, 6, 1315-1318.	3.9	4
166	Synthesis of New Monoporphyrinato Lanthanide Complexes for Potential Use in Optical Limiting. Chemistry Letters, 2006, 35, 802-803.	1.3	4
167	Synthesis, Characterization, and Photophysical Properties of First Heterobinuclear Zn-Ln (LnÂ=ÂLa, Nd,) Tj ETQq1 1 0.784314 rgBT /O 46, 109-116.	1.0	4
168	Synthesis and X-ray crystal structure of [(C5Me5)Ru(P2N2)]2[ZnCl4] Â· 2H2O. Polyhedron, 1996, 15, 1575-1577.	2.2	3
169	One-Step Synthesis of Cyclohexanone from Benzene with O2/H2Catalyzed by Ruthenium Diaminodiphosphine Complex. Catalysis Letters, 2004, 92, 25-27.	2.6	3
170	Fluorescent Properties of the Amidinophenylporphyrins Interacting with DNA. Chinese Journal of Chemistry, 2012, 30, 529-533.	4.9	3
171	Photo-luminescent hetero-tetranuclear Zn2Ln2 (Ln=Nd, Yb, Er, Gd, Eu or Tb) complexes self-assembled from the benzimidazole-based HL and bpe. Inorganic Chemistry Communication, 2013, 35, 213-216.	3.9	3
172	Panchromatic Terthiophenyl-benzodithiophene Conjugated Porphyrin Donor for Efficient Organic Solar Cells. Journal of Materials Chemistry C, 0, , .	5.5	3
173	Heterobinuclear Znâ€Ln (Lnâ€‰=â€‰La, Nd, Eu, Gd, Tb, Er and Yb) complexes based on asymmetric Schiffâ€base ligand: synthesis, characterization and photophysical properties. Luminescence, 2013, 28, 690-695.	2.9	2
174	Photophysics of three delocalized lipophilic cations in reverse micelles: A fluorescence spectroscopy study. Journal of Luminescence, 2013, 134, 830-836.	3.1	1
175	Synthesis, characterization and oscillator-vibrated near-infrared (NIR) luminescence of two pseudo-polymorphic [Yb4((OH)2-Salophen)4] complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 142, 188-195.	3.9	1